

# MARINE RECREATIONAL INFORMATION PROGRAM

**FY Project Plan**

**ORBS Port of Nehalem Sampling**

**Created on**

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# **1. Overview**

## **1.1. Background**

The port of Nehalem historically has not been sampled for recreational ocean fishing effort and catch due to low predicted activity. Additionally, there are multiple boat launching sites around the bay, and sampling faced significant logistical problems. Anecdotal reports suggest effort out of Nehalem may have increased slowly in recent years to a level possibly substantial enough to warrant regular sampling. The new option for using video boat count methods should allow for evaluating the ocean recreational fishing activity out of Nehalem with a single seasonal sampler will allow for test sampling in 2013.

## **1.2. Project Description**

ODFW is proposing to establish a video boat count system at the port of Nehalem, and hire a single seasonal port sampler for the 2013 season of May 1 through October 31. Sampler would be tasked to review video for boats crossing the bar and entering the ocean, and for conducting shore side interviews with returning vessels to identify number of anglers, retained catch by species, reported release catch by species, and other standard ORBS sampling elements.

## **1.3. Objectives**

Estimate recreational ocean fishing effort and catch out of Nehalem for the June 15 - Oct. 31 period in 2013, and evaluate the need for implementation of regular sampling in the future.

## **1.4. References**

Sampling Design of the Oregon Department of Fish and Wildlife's Ocean Recreational Boat Survey (ORBS), [http://www.dfw.state.or.us/MRP/salmon/docs/ORBS\\_Design.pdf](http://www.dfw.state.or.us/MRP/salmon/docs/ORBS_Design.pdf)

## **2. Methodology**

### **2.1. Methodology**

Procure and install a video boat count system at the port of Nehalem, and hire a single seasonal port sampler for the 2013 season of May 1 through October 31.

### **2.2. Regions**

### **2.3. Geographic Coverage**

Nehalem, OR

### **2.4. Temporal Coverage**

June 15 - Oct 31, 2013

### **2.5. Frequency**

N/A

### **2.6. Unit of Analysis**

boat trips, average anglers per boat, catch per boat by species, trip type

### **2.7. Collection Mode**

video, angler interviews

### **3. Communications Plan**

#### **3.1. Internal**

Internal communication will occur as needed by phone and direct field contacts. Field sampler will be contacted at least once each week by the sampling coordinator for data transfer and review of activities.

#### **3.2. External**

(1) Monthly progress reports on project status.

(2) Final project report that will review estimates of effort and catch and will consider future sampling needs.

## **4. Assumptions and Constraints**

### **4.1. New Data**

Yes

### **4.2. Track Costs**

### **4.3. Funding Vehicle**

New MRIP grant

### **4.4. Data Resources**

N/A

### **4.5. Other Resources**

N/A

### **4.6. Regulations**

N/A

### **4.7. Other**

Assumptions include successful installation and functioning of a video system in Nehalem, cooperation by appropriate landowner/steward for camera siting, successful hiring of a seasonal sampler for Nehalem for the May-Oct period in 2013.

# 5. Risk

## 5.1. Project Risk

Table 1: Project Risk

Risk Description	Risk Impact	Risk Probability	Risk Mitigation Approach
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## **6. Final Deliverables**

### **6.1. Additional Reports**

None (final report only)

### **6.2. New Data Sets**

Interview data and video-based effort counts; rec. fish catch estimates for Nehalem May-Oct 2013

### **6.3. New Systems**

Nehalem video boat count system

## 7. Project Leadership

### 7.1. Project Leader and Members

Table 2: Project Members

Project Role	Name	Organization	Title
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## 8. Project Estimates

### 8.1. Project Schedule

Table 3: Project Schedule - Major Tasks and Milestones

#	Schedule Description	Planned Start	Planned Finish	Prerequisites	Milestones
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### 8.2. Cost Estimates

Table 4: Cost Estimates

Project Need	Cost Description	Date Needed	Estimated Cost
TOTAL			\$0.00